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JEB FORT STORY, VA
5090.3a

LETTER DISCUSSING SOIL SAMPLING FORT STORY VA
3/15/1995
ENVIRONMENTAL RESTORATION COMPANY

*Sample results from Landfill 2
IDW collected by Montgomery Watson
on 27-28 Jan 95*

9700 Ashley Down Court • Fredericksburg, Virginia 22408 • (703) 898-5616 • FAX (703) 891-1084

US Army Transportation Center
ATZF-PWE
Building 1407 Room 102
Fort Eustis, Virginia 23604-5332

March 15, 1995

ATTN: Dan Musel

Dear Mr. Musel,

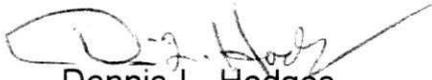
On February 23, 1995, at the Fort Eustis Hazardous Waste Accumulation Facility I, Dennis Hodges, drew (2) two composite soil samples from the (4) four drums, (4) four samples from the poly tank and four samples from the three liquid drums. These (10) ten samples were turned over to Joe Conde on February 23, 1995, at 1700 hours. The initial quantities taken were insufficient. Mr. Conde took an additional (14) fourteen samples from the poly tank and an additional (14) fourteen samples from the three liquid drums on February 24, 1995. The sampling was complete at 1300 hours. The samples were received by EnviroCompliance Laboratories at 1515 hours on the same day.

On February 27, 1995 Mr. Conde took (14) fourteen samples from the poly tank at Fort Story Hazardous Waste Accumulation Facility. The samples were taken to EnviroCompliance that day.

Please find enclosed the analytical results from the liquid in the poly tanks at Fort Eustis and Fort Story. The analytical results from the (3) three drums and soil from the (4) four drums at Fort Eustis are also enclosed with the Chain of Custody for both locations.

Lab testing was done according to IAW and EPA standards. The only notable result is the content of DDT in the soil taken from Fort Eustis.

Sincerely,


Dennis L. Hodges

ENVIROCOMPLIANCE

LABORATORIES, INC.

816 KIWANIS STREET

HAMPTON, VA 23661

Certificate of Analysis

(804) 244-3424 • FAX 244-3243

Environmental Restoration Corp.-F
9700 Ashley Dawn Ct.
Fredericksburg, Va. 22408

Project No. :
Project Name : DPW Enviro Section
Submitted by : Dennis Hodges
Date Sampled : February 23, 1995
Date Received : February 24, 1995
Date Issued : March 14, 1995

Reference Method: SW-846 Method 8270

Two water samples labeled BLDG 1637 Poly Tank , BLDG 1637 Drums were analyzed for Semi-volatiles.

Analyte	Poly Tank ug/l	Drums ug/l	DL ug/l
Phenol	BDL	BDL	10.0
2-Chlorophenol	BDL	BDL	10.0
Bis(2-chloroethyl) ether	BDL	BDL	10.0
1,3-Dichlorobenzene	BDL	BDL	10.0
1,4-Dichlorobenzene	BDL	BDL	10.0
Benzyl Alcohol	BDL	BDL	20.0
1,2-Dichlorobenzene	BDL	BDL	10.0
2-Methylphenol	BDL	BDL	10.0
Bis(2-chloroisopropyl)ether	BDL	BDL	10.0
4-Methylphenol	BDL	BDL	10.0
Hexachloroethane	BDL	BDL	10.0
N-Nitrosodi-n-propylamine	BDL	BDL	10.0
Nitrobenzene	BDL	BDL	20.0
Isophorone	BDL	BDL	10.0
2-Nitrophenol	BDL	BDL	10.0
2,4-Dimethylphenol	BDL	BDL	10.0
Benzoic Acid	BDL	BDL	50.0
bis(2-chloroethoxy)methane	BDL	BDL	10.0
2,4-Dichlorophenol	BDL	BDL	10.0
1,2,4-Trichlorobenzene	BDL	BDL	10.0
Naphthalene	BDL	BDL	10.0
4-Chloroaniline	BDL	BDL	20.0
Hexachlorobutadiene	BDL	BDL	10.0
4-Chloro-3-methylphenol	BDL	BDL	10.0
2-Methylnaphthalene	BDL	BDL	10.0
Hexachlorocyclopentadiene	BDL	BDL	10.0
2,4,6-Trichlorophenol	BDL	BDL	10.0
2,4,5-Trichlorophenol	BDL	BDL	10.0
2-Chloronaphthalene	BDL	BDL	10.0
2-Nitroaniline	BDL	BDL	10.0
Acenaphthylene	BDL	BDL	10.0
Dimethyl phthalate	BDL	BDL	10.0
3-Nitroaniline	BDL	BDL	20.0
2,6-Dinitrotoluene	BDL	BDL	10.0
Acenaphthene	BDL	BDL	10.0
2,4-Dinitrophenol	BDL	BDL	20.0
4-Nitrophenol	BDL	BDL	20.0
Dibenzofuran	BDL	BDL	10.0
2,4-Dinitrotoluene	BDL	BDL	10.0
Diethyl phthalate	BDL	BDL	10.0
Fluorene	BDL	BDL	10.0
4-Nitroaniline	BDL	BDL	50.0
4-Chlorophenylphenyl ether	BDL	BDL	10.0
2-Methyl-4,6-dinitrophenol	BDL	BDL	20.0
N-Nitrosodiphenyl amine	BDL	BDL	10.0
4-Bromophenylphenyl ether	BDL	BDL	10.0
Hexachlorobenzene	BDL	BDL	10.0
Pentachlorophenol	BDL	BDL	50.0
Phenanthrene	BDL	BDL	10.0
Anthracene	BDL	BDL	10.0

BDL = Below Detection Limit

Philip W. Hathcock
Philip W. Hathcock
Laboratory Manager

H5200476-1

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LABORATORIES, INC.

816 KIWANIS STREET

HAMPTON, VA 23661

Environmental Restoration Corp.-F
9700 Ashley Dawn Ct.
Fredericksburg, Va. 22408

Project No. :
Project Name : DPW Enviro Section (804) 244-3424 • FAX 244-3243
Submitted by : Dennis Hodges
Date Sampled : February 23, 1995
Date Received : February 24, 1995
Date Issued : March 14, 1995

Semi-volatiles continued:

Analyte	Poly Tanks ug/l	Drums ug/l	DL ug/l
Di-n-butyl phthalate	BDL	BDL	10.0
Fluoranthene	BDL	BDL	10.0
Benzidine	BDL	BDL	20.0
Pyrene	BDL	BDL	10.0
Benzyl butyl phthalate	BDL	BDL	10.0
Benzo(a)anthracene	BDL	BDL	10.0
3,3'-Dichlorobenzidine	BDL	BDL	10.0
Chrysene	BDL	BDL	10.0
Bis(2-ethylhexyl) phthalate	BDL	BDL	10.0
Di-n-octyl phthalate	BDL	BDL	10.0
Benzo(b)fluoranthene	BDL	BDL	10.0
Benzo(k)fluoranthene	BDL	BDL	10.0
Benzo(a)pyrene	BDL	BDL	10.0
Indeno(1,2,3-cd)pyrene	BDL	BDL	10.0
Dibenzo(a,h)anthracene	BDL	BDL	10.0
Benzo(ghi)perylene	BDL	BDL	10.0

Reference Method: SW-846 method 8240

Two water samples labeled BLDG 1637 Poly Tanks, BLDG 1637 Drums were analyzed for Volatile Organics.

Analyte	Poly Tanks ug/l	Drums ug/l	DL ug/l
Chloromethane	BDL	BDL	20.0
Bromomethane	BDL	BDL	20.0
Vinyl Chloride	BDL	BDL	20.0
Chloroethane	BDL	BDL	20.0
Methylene Chloride	BDL	BDL	5.0
Trichlorofluoromethane	BDL	BDL	5.0
1,1-Dichloroethane	BDL	BDL	5.0
1,1-Dichloroethene	BDL	BDL	5.0
trans-1,2-Dichloroethene	BDL	BDL	5.0
Chloroform	27.6	BDL	5.0
1,2-Dichloroethane	BDL	BDL	5.0
1,1,1-Trichloroethane	BDL	BDL	5.0
Carbon Tetrachloride	BDL	BDL	5.0
Bromodichloromethane	BDL	BDL	5.0
1,2-Dichloropropane	BDL	BDL	5.0
cis-1,3-Dichloropropene	BDL	BDL	5.0
Trichloroethene	BDL	BDL	5.0
Benzene	BDL	BDL	5.0
Dibromochloromethane	BDL	BDL	5.0
1,1,2-Trichloroethane	BDL	BDL	5.0
trans-1,3-Dichloropropene	BDL	BDL	5.0
Bromoform	BDL	BDL	5.0
1,1,2,2-Tetrachloroethane	BDL	BDL	5.0
Tetrachloroethene	BDL	BDL	5.0
Toluene	BDL	BDL	5.0
Chlorobenzene	BDL	BDL	5.0
Ethylbenzene	BDL	BDL	5.0
1,4-Dichlorobenzene	BDL	BDL	5.0
1,3-Dichlorobenzene	BDL	BDL	5.0
1,2-Dichlorobenzene	BDL	BDL	5.0

BDL = Below Detection Limit

Philip W. Hathcock
Philip W. Hathcock
Laboratory Manager

H5200476-2

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HAMPTON, VA 23661

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Environmental Restoration Corp.-F
9700 Ashley Dawn Ct.
Fredericksburg, Va. 22408

Project No. :
Project Name : DPW Enviro Section
Submitted by : Dennis Hodges
Date Sampled : February 23, 1995
Date Received : February 24, 1995
Date Issued : March 14, 1995

Reference Method: SW-846 Method 8080

Two water samples labeled BLDG 1637 Poly Tank, BLDG 1637 Drums were analyzed for the following Pesticides and PCBs.

Analyte	Poly Tank		DL ug/l
	ug/l	Drums ug/l	
Aldrin	BDL	BDL	0.020
alpha-BHC	BDL	BDL	0.020
beta-BHC	BDL	BDL	0.020
gamma-BHC	BDL	BDL	0.020
Lindane	BDL	BDL	0.020
Chlordane	BDL	BDL	0.050
4,4'-DDD	BDL	BDL	0.020
4,4'-DDE	BDL	BDL	0.020
4,4'-DDT	BDL	BDL	0.020
Dieldrin	BDL	BDL	0.020
Endosulfan I	BDL	BDL	0.020
Endosulfan II	BDL	BDL	0.020
Endosulfan sulfate	BDL	BDL	0.020
Endrin	BDL	BDL	0.020
Endrin aldehyde	BDL	BDL	0.020
Heptachlor	BDL	BDL	0.020
Heptachlor epoxide	BDL	BDL	0.020
Methoxychlor	BDL	BDL	0.20
Toxaphene	BDL	BDL	5.00
PCB-1016	BDL	BDL	2.50
PCB-1221	BDL	BDL	2.50
PCB-1232	BDL	BDL	2.50
PCB-1242	BDL	BDL	2.50
PCB-1248	BDL	BDL	2.50
PCB-1254	BDL	BDL	2.50
PCB-1260	BDL	BDL	2.50

Reference Method: SW-846 Method 700

One water samples labeled BLDG 1637 Poly Tank was analyzed for the following Total Metals and Total Dissolved Metals.

Analyte	Total Metals		DL mg/l
	mg/l	TD Metals mg/l	
Aluminum	BDL	BDL	0.20
Antimony	BDL	BDL	0.060
Arsenic	BDL	BDL	0.010
Barium	BDL	BDL	0.200
Beryllium	BDL	BDL	0.005
Cadmium	BDL	BDL	0.005
Calcium	26.1	1.53	5.00
Chromium	BDL	BDL	0.010
Cobalt	0.020	0.008	0.005
Copper	BDL	BDL	0.025
Iron	0.128	0.063	0.050
Lead	BDL	BDL	0.003
Magnesium	22.4	29.8	1.00
Manganese	0.034	BDL	0.015
Mercury	BDL	BDL	0.0002
Nickel	0.095	0.039	0.040
Potassium	76.0	63.6	5.00
Selenium	BDL	BDL	0.005
Silver	BDL	BDL	0.010
Sodium	161.0	139.0	5.00
Thallium	0.050	0.010	0.010
Vanadium	BDL	BDL	0.050
Zinc	BDL	0.04	0.020

BDL = Below Detection Limit

Philip W. Hathcock
Philip W. Hathcock
Laboratory Manager

H5200476-3

ENVIROCOMPLIANCE

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816 KIWANIS STREET

HAMPTON, VA 23661

(804) 244-3424 • FAX 244-3243

Environmental Restoration Corp.-F
9700 Ashley Dawn Ct.
Fredericksburg, Va. 22408

Project No. :
Project Name : DPW Enviro Section
Submitted by : Dennis Hodges
Date Sampled : February 23, 1995
Date Received : February 24, 1995
Date Issued : March 14, 1995

Reference Method: SW-846 Method 700
One water samples labeled BLDG 1637 Drums was analyzed for the following
Total Metals and Total Dissolved Metals.

Analyte	Total Metals		TD Metals	DL
	mg/l		mg/l	mg/l
Aluminum	BDL		BDL	0.20
Antimony	BDL		BDL	0.060
Arsenic	BDL		BDL	0.010
Barium	BDL		BDL	0.200
Beryllium	BDL		BDL	0.005
Cadmium	BDL		BDL	0.005
Calcium	15.8		7.3	5.00
Chromium	BDL		BDL	0.010
Cobalt	BDL		BDL	0.050
Copper	BDL		BDL	0.025
Iron	BDL		BDL	0.100
Lead	0.004		0.004	0.003
Magnesium	3.36		1.5	1.00
Manganese	0.034		BDL	0.015
Mercury	BDL		BDL	0.0002
Nickel	BDL		BDL	0.040
Potassium	15.3		8.57	5.00
Selenium	BDL		0.008	0.005
Silver	BDL		BDL	0.010
Sodium	22.6		15.6	5.00
Thallium	BDL		BDL	0.010
Vanadium	BDL		BDL	0.050
Zinc	0.033		BDL	0.020

Reference Method: SW-846

Two water samples labeled BLDG 1637 Poly Tank, BLDG 1637 Drums were analyzed for the following:

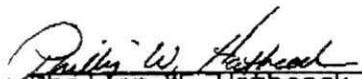
Analyte	Poly Tank	Drums	DL	Method
	mg/l	mg/l	mg/l	
Total Suspended Solids	43.1	3792	1.0	160.2
Settleable Solids	BDL	60	1.0	160.5
Total Dissolved Solids	930	547	1.0	160.1
Total Solids	932	4139	1.0	160.3

Reference Method: EPA

Two water samples labeled BLDG 1637 Poly Tank, BLDG 1637 Drums were analyzed for the following:

Analyte	Poly Tank	Drums	DL	Method
	mg/l	mg/l	mg/l	
Chloride	328	48	1.0	325.5
Nitrate	BDL	BDL	0.1	353.1
Nitrite	BDL	BDL	0.1	353.1
Total Phosphate	BDL	BDL	0.01	365.2
Sulfate	BDL	BDL	1.0	375.4
Total Hardness	157.4	54.6	1.0	130.2
Total Alkalinity	240	320	1.0	310.1

BDL = Below Detection Limit


Phillip W. Hathcock
Laboratory Manager

H5200476-4

ENVIROCOMPLIANCE

LABORATORIES, INC.

Certificate of Analysis

816 KWANIS STREET

HAMPTON, VA 23661

Environmental Restoration Corp.-F
9700 Ashley Dawn Ct.
Fredericksburg, Va. 22408

Project No. :
Project Name : DPW Enviro Section
Submitted by : Dennis Hodges
Date Sampled : February 23, 1995
Date Received : February 24, 1995
Date Issued : March 14, 1995

(804) 244-3424 • FAX 244-3243

Reference Method: EPA Method 410.1

Two water samples labeled BLDG 1637 Poly Tanks, BLDG 1637 Drums were analyzed for Chemical Oxygen Demand.

Analyte	Poly Tanks mg/l	Drums mg/l	DL mg/l
COD	BDL	BDL	5.0

Reference Method: EPA Method 413.1

Two water samples labeled BLDG 1637 Poly Tanks, BLDG 1637 Drums were analyzed for Oil and Grease.

Analyte	Poly Tanks mg/l	Drums mg/l	DL mg/l
Oil And Grease	BDL	7.93	1.0

Reference Method: SW-846 Method 8015

Two water samples labeled BLDG 1637 Poly Tanks, BLDG 1637 Drums were analyzed for Volatiles and Semi-volatiles.

Analyte	Poly Tanks mg/l	Drums mg/l	DL mg/l
Volatiles	BDL	BDL	0.50
Semi-volatiles	BDL	BDL	0.50

Reference Method: SW-846

Two water samples labeled BLDG 1637 Poly Tanks, BLDG 1637 Drums were analyzed for Reactivity, Ignitability and Corrosivity.

Analyte	Poly Tanks mg/l	Drums mg/l	DL mg/l
Ignitability	>60 C	>60 C	----
Corrosivity	Neg	Neg	----
pH	7.52	7.09	----
Reactivity	Neg	Neg	----
Sulfide	BDL	BDL	1.00
Cyanide	BDL	BDL	0.20

Reference Method: SW-846

One soil sample labeled BLDG 1637 Soil was analyzed for Reactivity, Ignitability and Corrosivity.

Analyte	BLDG 1637 Soil mg/kg	DL mg/kg
Ignitability	>60 C	----
Corrosivity	Neg	----
pH	8.35	----
Reactivity	Neg	----
Sulfide	BDL	50.00
Cyanide	BDL	25.00

Reference Method: SW-846 Method 8080

One soil sample labeled BLDG 1637 Soil was analyzed for PCB.

Sample ID	PCB mg/kg	DL mg/kg
BLDG 1637 Soil	BDL	0.10

BDL = Below Detection Limit

Philip W. Hathcock
Philip W. Hathcock
Laboratory Manager

H5200476-5

ENVIROCOMPLIANCE

LABORATORIES, INC. Certificate of Analysis

816 KWANIS STREET

HAMPTON, VA 23661

Environmental Restoration Corp.-F
9700 Ashley Dawn Ct.
Fredericksburg, Va. 22408

Project No. :
Project Name : DPW Enviro Section
Submitted by : Dennis Hodges
Date Sampled : February 23, 1995
Date Received : February 24, 1995
Date Issued : March 14, 1995

(804) 244-3424 • FAX 244-3243

Reference Method: SW-846 Method 1311

One soil sample labeled BLDG 1637 Soil was analyzed for the following TCLP metals.

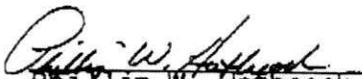
Analyte	BLDG 1637 Soil mg/l	DL mg/l
Arsenic	BDL	0.010
Barium	BDL	1.0
Cadmium	BDL	0.10
Chromium	BDL	0.50
Lead	BDL	0.50
Mercury	BDL	0.002
Selenium	BDL	0.010
Silver	BDL	0.10

Reference Method: SW-846 Method 8240

One soil sample labeled BLDG 1637 Soil was analyzed for the following TCLP volatile organics using TCLP Extraction Method 1311.

Analyte	BLDG 1637 Soil ug/l	DL ug/l
Vinyl Chloride	BDL	20.0
1,1-Dichloroethene	BDL	5.0
Chloroform	BDL	5.0
1,2-Dichloroethane	BDL	5.0
Carbon Tetrachloride	BDL	5.0
Trichloroethene	BDL	5.0
Benzene	BDL	5.0
Tetrachloroethene	BDL	5.0
Chlorobenzene	BDL	5.0
1,4-Dichlorobenzene	BDL	10.0
Methyl Ethyl Ketone	BDL	50.0

BDL = Below Detection Limit


Phillip W. Hathcock
Laboratory Manager

H5200476-6

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LABORATORIES, INC.

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Fredericksburg, Va. 22408

Project No. :
Project Name : DPW Enviro Section
Submitted by : Dennis Hodges
Date Sampled : February 23, 1995
Date Received : February 24, 1995
Date Issued : March 14, 1995

(804) 244-3424 • FAX 244-3243

Reference Method: SW-846 Method 8270

One soil sample labeled BLDG 1637 Soil was analyzed for the following
TCLP semi-volatiles using TCLP Extraction Method 1311.

Analyte	BLDG 1637 Soil	DL
	ug/l	ug/l
2,4,6-Trichlorophenol	BDL	20.0
Pentachlorophenol	BDL	50.0
o-Cresol	BDL	20.0
m-Cresol	BDL	20.0
p-Cresol	BDL	20.0
2,4,5-Trichlorophenol	BDL	20.0
Pyridine	BDL	20.0
Hexachloroethane	BDL	10.0
Nitrobenzene	BDL	10.0
Hexachlorobutadiene	BDL	10.0
2,4-Dinitrotoluene	BDL	20.0
Hexachlorobenzene	BDL	10.0

Reference Method: SW-846 Method 8080

One soil sample labeled BLDG 1637 Soil was analyzed for TCLP Pesticides,
using TCLP Extraction Method 1311.

Analyte	BLDG 1637 Soil	DL
	ug/l	ug/l
gamma-BHC (Lindane)	BDL	0.10
Chlordane	BDL	1.0
Heptachlor	BDL	0.10
Toxaphene	BDL	15.0
Methoxychlor	BDL	0.50
Endrin	BDL	0.10
Heptachlor Epoxide	BDL	0.10

Reference Method: SW-846 Method 8150

One soil sample labeled BLDG 1637 Soil was analyzed for TCLP Herbicides
using the TCLP extraction method 1311.

Analyte	BLDG 1637 Soil	DL
	ug/l	ug/l
2,4-D	BDL	1.0
2,4,5-TP (Silvex)	BDL	0.5

Reference Method: SW-846 Modified Method 8015

One soil sample labeled BLDG 1637 Soil was analyzed for Volatiles and
Semi-volatiles.

Sample ID	Volatiles	Semi-volatiles
	mg/kg	mg/kg
BLDG 1637 Soil	BDL	BDL
Detection Limit	0.50	5.00

One soil sample labeled BLDG 1637 Soil was found to contain DDT while
analyzing for PCB's at the following level:

Sample ID	DDT
	mg/kg
BLDG 1637 Soil	>0.050

BDL = Below Detection Limit

Philip W. Hathcock
Philip W. Hathcock
Laboratory Manager

ENVIROCOMPLIANCELABORATORIES, INC. Certificate of Analysis

816 KIWANIS STREET

HAMPTON, VA 23661

(804) 244-3424 • FAX 244-3243

Environmental Restoration Corp.-F
9700 Ashley Dawn Ct.
Fredericksburg, Va. 22408

Project No. :
Project Name : Ft Story-Poly Tank
Submitted by : Dennis Hodges
Date Sampled : February 27, 1995
Date Received : February 27, 1995
Date Issued : March 14, 1995

Reference Method: SW-846 Method 8270

One water sample labeled Poly Tank-Ft. Story was analyzed for Semi-volatiles.

Analyte	Poly Tank- Ft. Story ug/l	DL ug/l
Phenol	BDL	10.0
2-Chlorophenol	BDL	10.0
Bis(2-chloroethyl) ether	BDL	10.0
1,3-Dichlorobenzene	BDL	10.0
1,4-Dichlorobenzene	BDL	10.0
Benzyl Alcohol	BDL	20.0
1,2-Dichlorobenzene	BDL	10.0
2-Methylphenol	BDL	10.0
Bis(2-chloroisopropyl) ether	BDL	10.0
4-Methylphenol	BDL	10.0
Hexachloroethane	BDL	10.0
N-Nitrosodi-n-propylamine	BDL	10.0
Nitrobenzene	BDL	20.0
Isophorone	BDL	10.0
2-Nitrophenol	BDL	10.0
2,4-Dimethylphenol	BDL	10.0
Benzoic Acid	BDL	50.0
bis(2-chloroethoxy)methane	BDL	10.0
2,4-Dichlorophenol	BDL	10.0
1,2,4-Trichlorobenzene	BDL	10.0
Naphthalene	BDL	10.0
4-Chloroaniline	BDL	20.0
Hexachlorobutadiene	BDL	10.0
4-Chloro-3-methylphenol	BDL	10.0
2-Methylnaphthalene	BDL	10.0
Hexachlorocyclopentadiene	BDL	10.0
2,4,6-Trichlorophenol	BDL	10.0
2,4,5-Trichlorophenol	BDL	10.0
2-Chloronaphthalene	BDL	10.0
2-Nitroaniline	BDL	10.0
Acenaphthylene	BDL	10.0
Dimethyl phthalate	BDL	10.0
3-Nitroaniline	BDL	20.0
2,6-Dinitrotoluene	BDL	10.0
Acenaphthene	BDL	10.0
2,4-Dinitrophenol	BDL	20.0
4-Nitrophenol	BDL	20.0
Dibenzofuran	BDL	10.0
2,4-Dinitrotoluene	BDL	10.0
Diethyl phthalate	BDL	10.0
Fluorene	BDL	10.0
4-Nitroaniline	BDL	50.0
4-Chlorophenylphenyl ether	BDL	10.0
2-Methyl-4,6-dinitrophenol	BDL	20.0
N-Nitrosodiphenyl amine	BDL	10.0
4-Bromophenylphenyl ether	BDL	10.0
Hexachlorobenzene	BDL	10.0
Pentachlorophenol	BDL	50.0
Phenanthrene	BDL	10.0
Anthracene	BDL	10.0

BDL = Below Detection Limit

Phillip W. Hathcock
Phillip W. Hathcock
Laboratory Manager

H5200480-1

ENVIROCOMPLIANCE

LABORATORIES, INC.

816 KIWANIS STREET

HAMPTON, VA 23661

(804) 244-3424 • FAX 244-3243

Certificate of Analysis

Environmental Restoration Corp.-F
 9700 Ashley Dawn Ct.
 Fredericksburg, Va. 22408

Project No. :
 Project Name : Ft Story-Poly Tank
 Submitted by : Dennis Hodges
 Date Sampled : February 27, 1995
 Date Received : February 27, 1995
 Date Issued : March 14, 1995

Semi-volatiles continued:

Di-n-butyl phthalate	BDL	10.0
Fluoranthene	BDL	10.0
Benzidine	BDL	20.0
Pyrene	BDL	10.0
Benzyl butyl phthalate	BDL	10.0
Benzo(a)anthracene	BDL	10.0
3,3'-Dichlorobenzidine	BDL	10.0
Chrysene	BDL	10.0
Bis(2-ethylhexyl) phthalate	BDL	10.0
Di-n-octyl phthalate	BDL	10.0
Benzo(b)fluoranthene	BDL	10.0
Benzo(k)fluoranthene	BDL	10.0
Benzo(a)pyrene	BDL	10.0
Indeno(1,2,3-cd)pyrene	BDL	10.0
Dibenzo(a,h)anthracene	BDL	10.0
Benzo(ghi)perylene	BDL	10.0

Reference Method: SW-846 method 8240

One water sample labeled Poly Tank-Ft. Story was analyzed for Volatile Organics.

Analyte	Poly Tank-Ft. Story ug/l	DL ug/l
Chloromethane	BDL	20.0
Bromomethane	BDL	20.0
Vinyl Chloride	BDL	20.0
Chloroethane	BDL	20.0
Methylene Chloride	BDL	20.0
Trichlorofluoromethane	BDL	5.0
1,1-Dichloroethane	BDL	5.0
1,1-Dichloroethene	BDL	5.0
trans-1,2-Dichloroethene	BDL	5.0
Chloroform	BDL	5.0
1,2-Dichloroethane	BDL	5.0
1,1,1-Trichloroethane	BDL	5.0
Carbon Tetrachloride	BDL	5.0
Bromodichloromethane	BDL	5.0
1,2-Dichloropropane	BDL	5.0
cis-1,3-Dichloropropene	BDL	5.0
Trichloroethene	BDL	5.0
Benzene	BDL	5.0
Dibromochloromethane	BDL	5.0
1,1,2-Trichloroethane	BDL	5.0
trans-1,3-Dichloropropene	BDL	5.0
Bromoform	BDL	5.0
1,1,2,2-Tetrachloroethane	BDL	5.0
Tetrachloroethene	BDL	5.0
Toluene	BDL	5.0
Chlorobenzene	BDL	5.0
Ethylbenzene	BDL	5.0
1,4-Dichlorobenzene	BDL	5.0
1,3-Dichlorobenzene	BDL	5.0
1,2-Dichlorobenzene	BDL	5.0

BDL = Below Detection Limit


 Phillip W. Hathcock
 Laboratory Manager

ENVIROCOMPLIANCE

LABORATORIES, Certificate of Analysis

816 KIWANIS STREET

HAMPTON, VA 23661

(804) 244-3424 • FAX 244-3243

Environmental Restoration Corp.-F
9700 Ashley Dawn Ct.
Fredericksburg, Va. 22408

Project No. :
Project Name : Ft Story-Poly Tank
Submitted by : Dennis Hodges
Date Sampled : February 27, 1995
Date Received: February 27, 1995
Date Issued : March 14, 1995

Reference Method: SW-846 Method 8080

One water sample labeled Poly Tank-Ft. Story was analyzed for the following Pesticides and PCBs.

Analyte	Poly Tank-Ft. Story ug/l	DL ug/l
Aldrin	BDL	0.020
alpha-BHC	BDL	0.020
beta-BHC	BDL	0.020
gamma-BHC	BDL	0.020
Lindane	BDL	0.020
Chlordane	BDL	0.050
4,4'-DDD	BDL	0.020
4,4'-DDE	BDL	0.020
4,4'-DDT	BDL	0.020
Dieldrin	BDL	0.020
Endosulfan I	BDL	0.020
Endosulfan II	BDL	0.020
Endosulfan sulfate	BDL	0.020
Endrin	BDL	0.020
Endrin aldehyde	BDL	0.020
Heptachlor	BDL	0.020
Heptachlor epoxide	BDL	0.020
Methoxychlor	BDL	0.20
Toxaphene	BDL	5.00
PCB-1016	BDL	2.50
PCB-1221	BDL	2.50
PCB-1232	BDL	2.50
PCB-1242	BDL	2.50
PCB-1248	BDL	2.50
PCB-1254	BDL	2.50
PCB-1260	BDL	2.50

Reference Method: SW-846 Method 700

One sample labeled Poly Tank-Ft. Story was analyzed for the following Total Metals and Total Dissolved Metals.

Analyte	Total Metals mg/l	TD Metals mg/l	DL mg/l
Aluminum	BDL	BDL	0.20
Antimony	BDL	BDL	0.060
Arsenic	BDL	BDL	0.010
Barium	BDL	BDL	0.200
Beryllium	BDL	BDL	0.005
Cadmium	BDL	BDL	0.005
Calcium	BDL	BDL	5.00
Chromium	BDL	BDL	0.010
Cobalt	0.002	0.002	0.002
Copper	BDL	BDL	0.025
Iron	0.236	0.121	0.100
Lead	0.007	BDL	0.003
Magnesium	2.01	1.94	1.00
Manganese	0.017	0.015	0.015
Mercury	BDL	BDL	0.0002
Nickel	0.02	0.01	0.010
Potassium	53.1	22.1	5.00
Selenium	BDL	BDL	0.005
Silver	BDL	BDL	0.010
Sodium	27.3	10.2	5.00
Thallium	BDL	BDL	0.010
Vanadium	BDL	BDL	0.050
Zinc	0.096	0.098	0.020

BDL = Below Detection Limit

Philip W. Hathcock
Philip W. Hathcock
Laboratory Manager

H5200480-3

ENVIROCOMPLIANCELABORATORIES, Certificate of Analysis

816 KWANIS STREET

HAMPTON, VA 23661

(804) 244-3424 • FAX 244-3243

Environmental Restoration Corp.-F
9700 Ashley Dawn Ct.
Fredericksburg, Va. 22408

Project No. :
Project Name : Ft Story-Poly Tank
Submitted by : Dennis Hodges
Date Sampled : February 27, 1995
Date Received : February 27, 1995
Date Issued : March 14, 1995

Reference Method: SW-846

One sample labeled Fort Story-Poly Tank was analyzed for the following:

Analyte	Fort Story-Poly Tank mg/l	DL mg/l	Method
Total Suspended Solids	26.8	1.0	160.2
Settleable Solids	BDL	1.0	160.5
Total Dissolved Solids	341	1.0	160.1
Total Solids	390	1.0	160.3

Reference Method: EPA

One water sample labeled Fort Story-Poly Tank was analyzed for the following:

Analyte	Fort Story-Poly Tank mg/l	DL mg/l	Method
Chloride	33.0	1.0	325.5
Nitrite/Nitrate	BDL	0.1	353.1
Total Phosphate	BDL	0.01	365.2
Sulfate	BDL	1.0	375.4
Total Hardness	8.27	1.0	130.2
Total Alkalinity	122	1.0	310.1

Reference Method: EPA Method 410.1

One water sample labeled Fort Story-Poly Tank was analyzed for Chemical Oxygen Demand.

Analyte	Fort Story-Poly Tank mg/l	DL mg/l
COD	BDL	5.0

Reference Method: EPA Method 413.1

One water sample labeled Fort Story-Poly Tank was analyzed for Oil and Grease.

Analyte	Fort Story-Poly Tank mg/l	DL mg/l
Oil And Grease	BDL	1.0

Reference Method: SW-846 Method 8015

One water sample labeled Fort Story-Poly Tank was analyzed for Volatiles and Semi-volatiles.

Analyte	Fort Story-Poly Tank mg/l	DL mg/l
Volatiles	BDL	0.50
Semi-volatiles	BDL	0.50

One water sample labeled Fort Story-Poly Tank was analyzed for Reactivity, Ignitability and Corrosivity.

Analyte	Fort Story-Poly Tank mg/l	DL mg/l
Ignitability	>60 C	----
Corrosivity	Neg	----
pH	6.92	----
Reactivity	Neg	----
Sulfide	BDL	1.00
Cyanide	BDL	0.20

BDL = Below Detection Limit

Philip W. Hathcock
Philip W. Hathcock
Laboratory Manager

H4C00380-4

ENVIRONMENTAL RESTORATION COMPANY

9700 ASHLEY DAWN COURT
 FREDERICKSBURG, VA 22408
 2ND & MAURY

RICHMOND, VA 23224
 US ARMY TRANSPORTATION CENTER

U3335

CHAIN OF CUSTODY RECORD

GENERATOR DPW ENDIRD SECTION FT EUSTIS VA						WATER			SOIL			SOLIDS			REMARKS
AMPLERS D L HODGES						TPH	BTEX	TABLE I	TPH	BTEX	TABLE II				
DATE	TIME	SAMPLE LOCATION	GRAB	COMP.	# OF CONT.										
2/23/95	1600	BLD 1637 POLY TANK		✓	4			✓							
2/23/95	1600	BLDG 1637 SOIL		✓	2					✓					
2/23/95	1600	BLDG 1637 DRUMS		✓	4			✓							

RELINQUISHED BY: D. J. H. RECEIVED BY: J. A. C. DATE/TIME 2/23/95 1 1700

RELINQUISHED BY: Jose A. Conde RECEIVED BY: [Signature] DATE/TIME 2-24-95 1 700

RELINQUISHED BY: [Signature] RECEIVED BY: [Signature] DATE/TIME 2/24/95 1 15

METHOD OF SHIPMENT/DESTINATION _____ DATE/TIME 1

SHIPPER _____

SHIPMENT RECEIVED _____ DATE/TIME 1

LAB RECEIPT _____

REMARKS / SPECIAL INSTRUCTIONS

ENVIRONMENTAL RESTORATION COMPANY
 9700 ASHLEY DAWN COURT
 FREDERICKSBURG, VA 22408
 2ND & MAURY
 RICHMOND, VA 23224

03340

CHAIN OF CUSTODY RECORD

GENERATOR US ARMY TRANSPORTATION CENTER
DPW ENVIRONMENTAL SECTION
FT EUSTIS VA 23604

AMPLERS J.A. CONDE

DATE	TIME	SAMPLE LOCATION	GRAB	COMP.	# OF CONT.	WATER		SOIL		SOLIDS			REMARKS
						TPH	BTEX	TPH	BTEX				
<u>2/24/95</u>	<u>1200</u>	<u>Bld 1637 Poly Tank</u>		<u>✓</u>	<u>14</u>		<u>Table I</u>		<u>Table II</u>				
<u>2/24/95</u>	<u>1300</u>	<u>Bld 1637 Drums</u>		<u>✓</u>	<u>14</u>		<u>Table I</u>		<u>Table II</u>				

RELINQUISHED BY: J.A. Conde RECEIVED BY: [Signature] DATE/TIME 2/24/95 13:15

RELINQUISHED BY: _____ RECEIVED BY: _____ DATE/TIME / /

RELINQUISHED BY: _____ RECEIVED BY: _____ DATE/TIME / /

METHOD OF SHIPMENT/DESTINATION _____ DATE/TIME / /

SHIPPER _____

SHIPMENT RECEIVED _____ DATE/TIME / /

LAB RECEIPT _____

REMARKS / SPECIAL INSTRUCTIONS _____

CHAIN OF CUSTODY

EnviroCompliance Laboratories, Inc.

816 Kiwanis Street (804)244-3424
Hampton, Virginia 23661

Page ____ of ____

Client : ERC
Submit to : Dennis Hedges

PROJECT NO.		PROJECT NAME:				#	M	ANALYSES										Address :					
SAMPLERS: (Signatures)		(Print)						C	a											City :			
STATION	DATE	TIME	COMP	GRAB	SAMPLE IDENTIFICATION	o	t			r	i	x											Phone : _____ Fax: _____
																							PO No. : _____
			✓		1. Poly Tank - F Slurry	13	W																1.
					2.																		2.
					3.																		3.
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Relinquished by: (Signature)	Date	Time	Received by: (Signature)
<i>[Signature]</i>	2/25/93	11:45	<i>[Signature]</i>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Relinquished by: (Signature)	Date	Time	Received for Lab by:

LAB USE ONLY

W=Water S=Soil O=Organic Aq=Aqueous Sl=Sludge F=Filter M=Misc.